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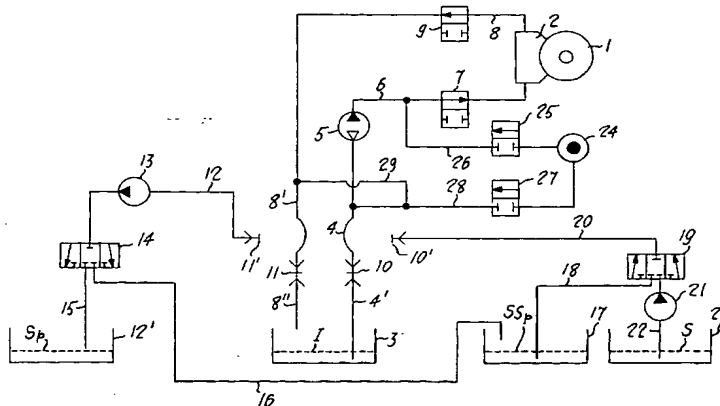
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- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR AUTOMATICALLY WASHING THE INKING CIRCUIT IN ROTARY PRINTING PRESSES, AND PLANT FOR IMPLEMENTING SAID METHOD



(57) Abstract: The invention relates to a plant for automatically washing the inking circuit in rotary printing presses, comprising a chamber (2) for inking cylinder (1); lines (4', 4, 6, 8, 8', 8'') which connect said chamber (2) to a tank (3) for the ink; means (5) for pumping the ink from said tank (3) via said lines (4' 4, 6, 8, 8') to a said chamber (2) and from the latter to the tank (3) again; a tank (23) for the clean solvent; lines (22, 20') provided with means able to connect said tank (23) to said line (4); a tank for the dirty solvent (12') and lines (15, 12) provided with means able to connect said tank (12) to said line (8'). According to a main characteristic feature of said plant, the means (5) for pumping the ink consist of a peristaltic pump, the rotor of which is actuated by a motor with a reversible direction of rotation. The invention also comprises a method for automatically washing the inking in rotary printing presses using the abovementioned plant, which method is characterized by the step of intermittently introducing air into the flow of solvent circulated in the lines to be washed, which produces an intermittent acceleration of the body of solvent inside the lines, increasing the action of separation of the ink from the walls of the lines by the solvent.

INTERNATIONAL SEARCH REPORT

Inten Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B41F35/00 B41F51/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 612 618 A (DEMOORE HOWARD W) 31 August 1994 (1994-08-31) the whole document ---	1, 13
A	GB 2 332 394 A (ROLAND MAN DRUCKMASCH) 23 June 1999 (1999-06-23) abstract; claims; figure 3 page 9, line 23 -page 10, line 6 -----	1, 13

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern

Application No

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